Datasheet_WAP-0005

11g Wireless POE AP

LevelOne's WAP-0005 11g Wireless POE Access Point is a powerful Wireless AP that is fully compliant with IEEE 802.11b/g for faster data transfer rate and with 802.11af for POE network. Introducing the brand new chip design, WAP-0005 supports Super G technology to provide high speed up to 108Mbps in the pure LevelOne Super G 108Mbps environment. Meanwhile, the built-in POE function eliminates the need of bulky power line and outlet installation.

For business-level solution, WAP-0005 is equipped with advanced security features. It prevents unexpected access by providing multiple authentication mechanisms like: EAP-TLS, EAP-TTLS, EAP-MD-5, PEAP, WPA, WPA-PSK, AES and 802.1x authentication to cooperate with the network RADIUS server. Moreover, the wireless data is also protected by 64/128-bit WEP encryption.

With the Web-based management interface, users can easily configure and maintain the AP through general web browser. WAP-0005 also supports AP/ AP Client/ Bridge/ Repeater mode for user to flexibly construct the wireless network in different operation requirements.
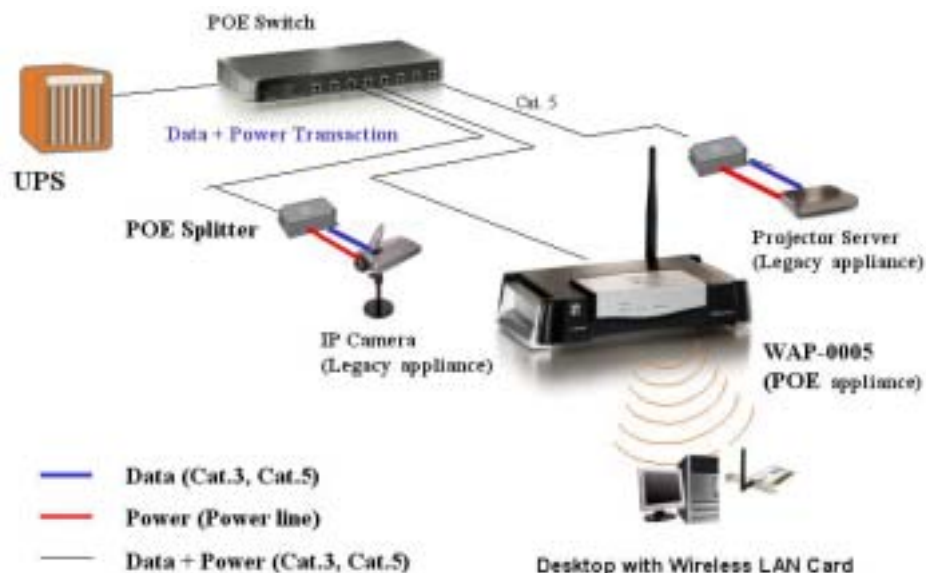
WAP-0005

Key Features

- Supports Wireless Infrastructure mode
- Data rates up to 108Mbps for Super G; 54Mbps for 802.11g; 11Mbps for 802.11b
- Supports DHCP Client, WINS Client, Radius Client
- Supports RTS Fragmentation threshold control and adjustable power output for better throughput
- Detailed status reports: System log, Attached station list

- Supports POE function, eliminating power cable management and cost
- Automatic Channel Selection
- Supports for repeater Mode, Client AP mode
- Supports UAM
- Supports SNMP v1 & v2c support
- Radius-based MAC authentication

Datasheet_WAP-0005

Technical Specification

- **Standard Conformance**
  IEEE802.11b,
  IEEE802.11g,
  IEEE802.11d,
  IEEE802.1x,
  IEEE 802.3af (Power over Ethernet)

- **Protocol Support**
  TCP/IP,NetBEUI, ARP, DHCP client, HTTP, FTP, TFTP

- **LAN Port**
  1 x 10/100 Mbps Ethernet port
  -Auto-MDIX RJ45
  -POE (PD)

- **Data Transfer Rate**
  Super G up to 108 Mbps (108)
  802.11g up to 54 Mbps (6/9/12/18/24/36/48/54)
  802.11b up to 11Mbps (1/2/5.5/11)

- **Antenna**
  1 x 2dbi detachable Antenna

- **Operation mode**
  AP / AP Client / Repeater / Bridge

- **Authentication**
  Open system, Shared key, EAP-TLS, EAP-TTLS, EAP-MD5, PEAP, WPA, WPA-PSK, AES

- **Data Security**
  64bit & 128bit WEP, TKIP

- **Management**
  Web Based Management, CLI, AP Manager program

- **Memory**
  DRAM: 8MByte
  Flash: 2MByte

- **Power Adapter**
  1 x DC24V/500mA Power Adapter

- **Dimensions**
  141mm(L) * 100mm(W) * 27mm(H)

- **Certification**
  FCC, CE

Product Diagram

Order Information

- WAP-0005   11g Wireless POE AP